



**SURFACE TRANSPORTATION BOARD**  
Washington, DC 20423

EQ - 402

*Office of Economics, Environmental Analysis and Administration*

February 23, 2006

Patricia Hooks  
Regional Director  
U.S. Department of the Interior  
National Park Service  
Southeast Region  
100 Alabama Street, SW  
1924 Building  
Atlanta, GA 30303

Re: STB Finance Docket No. 34421, HolRail LLC -- Construction and Operation  
Exemption -- in Orangeburg and Dorchester Counties, South Carolina -- Final  
Scope of Study

Dear Ms. Hooks:

The purpose of this letter is to provide you a copy of the Final Scope of Study for the Environmental Impact Statement (EIS) for the above-referenced project. Once completed, you will receive a copy of the Draft EIS for review and comment.

**Project Background**

On November 13, 2003, HolRail LLC (HolRail) filed a petition with the Surface Transportation Board (the Board or STB) pursuant to 49 USC 10502 for authority to construct and operate a rail line in Orangeburg and Dorchester counties, South Carolina (SC). The proposed project would involve the construction and operation of approximately two miles of new rail line from the existing cement production factory owned by HolRail's parent company, Holcim (US) Inc. (Holcim), located near Holly Hill in Orangeburg County, to the terminus of an existing rail line of the Norfolk Southern Railway Company (NSR), located to the south near Giant in Dorchester County.

Based on consultations conducted to date, the Board's Section of Environmental Analysis (SEA) determined that the preparation of an EIS is appropriate. To help determine the scope of the EIS, and as required by the Board's regulations at 49 CFR 1105.10(a)(2), SEA published in the *Federal Register* on July 29, 2005, the Notice of Intent to Prepare an EIS; Notice of Initiation

of the Scoping Process; Notice of Availability of Draft Scope of Study for the EIS and Request for Comments. The scoping comment period originally concluded on August 31, 2005, but due to an inadvertent omission in the scoping notice mailed to Federal, state and local agencies, SEA accepted comments from any interested agency through October 28, 2005. After review and consideration of all comments received, the attached notice sets forth the Final Scope of Study for the EIS. The Final Scope of Study reflects changes to the Draft Scope of Study as a result of the comments, and summarizes and addresses the principal environmental concerns raised by the comments.

For further information, please contact Dave Navecky of my staff by phone at 202-565-1593, or email at [naveckyd@stb.dot.gov](mailto:naveckyd@stb.dot.gov). Thank you for your time and cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read "Victoria Rutson".

Victoria Rutson  
Chief  
Section of Environmental Analysis

Enclosures

Distribution List  
Final Scope of Study



***SURFACE TRANSPORTATION BOARD***  
***Washington, DC 20423***

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**SURFACE TRANSPORTATION BOARD**

STB Finance Docket No. 34421

HolRail LLC – Construction and Operation Exemption –  
In Orangeburg and Dorchester Counties, South Carolina

Decided: February 16, 2006.

**ACTION:** Notice of Availability of Final Scope of Study for the Environmental Impact Statement.

**SUMMARY:** On November 13, 2003, HolRail LLC (HolRail) filed a petition with the Surface Transportation Board (the Board or STB) pursuant to 49 USC 10502 for authority to construct and operate a rail line in Orangeburg and Dorchester counties, South Carolina (SC). The proposed project would involve the construction and operation of approximately two miles of new rail line from the existing cement production factory owned by HolRail's parent company, Holcim (US) Inc. (Holcim), located near Holly Hill in Orangeburg County, to the terminus of an existing rail line of the Norfolk Southern Railway Company (NSR), located to the south near Giant in Dorchester County.

Based on consultations conducted to date, the Board's Section of Environmental Analysis (SEA) determined that the preparation of an Environmental Impact Statement (EIS) is appropriate. To help determine the scope of the EIS, and as required by the Board's regulations at 49 CFR 1105.10(a)(2), SEA published in the *Federal Register* on July 29, 2005, the Notice of Intent to Prepare an EIS; Notice of Initiation of the Scoping Process; Notice of Availability of Draft Scope of Study for the EIS and Request for Comments. The scoping comment period originally concluded on August 31, 2005, but due to an inadvertent omission in the scoping notice mailed to Federal, state and local agencies, SEA accepted comments from any interested agency through October 28, 2005. After review and consideration of all comments received, this notice sets forth the Final Scope of Study for the EIS. The Final Scope of Study reflects changes to the Draft Scope of Study as a result of the comments, and summarizes and addresses the principal environmental concerns raised by the comments.

**FOR FURTHER INFORMATION CONTACT:** Mr. David Navecky, Section of Environmental Analysis, Surface Transportation Board, 1925 K Street, NW, Washington, DC 20423-0001, or 202-565-1593, or [naveckyd@stb.dot.gov](mailto:naveckyd@stb.dot.gov). Assistance for the hearing impaired is available through the Federal Information Relay Service (FIRS) at 1-800-877-8339.

## **SUPPLEMENTARY INFORMATION:**

**Background:** By petition filed on November 13, 2003, HolRail seeks an exemption from the Board under 49 USC 10502 from the prior approval requirements of 49 USC 10901 for authority to construct and operate a rail line in Orangeburg and Dorchester counties, SC, approximately 40 miles northwest of Charleston and 60 miles southeast of Columbia.

The new rail line would establish alternative rail service at the Holly Hill facility which is presently served only by CSX Transportation, Inc. (CSX). Holcim recently completed an expansion of the Holly Hill plant and has determined that alternative rail access is necessary to achieve the full benefits of the expanded production capacity. HolRail would arrange for a third-party operator to provide rail service, and would employ a contractor to provide maintenance service for the line, or engage the third-party operator to perform this service.

Pursuant to the Board's responsibilities under the National Environmental Policy Act (NEPA), SEA has begun the environmental review of HolRail's proposal by consulting with appropriate Federal, state, and local agencies, as well as HolRail, and conducting technical surveys and analyses. SEA has also consulted with the South Carolina State Historic Preservation Office (SHPO) in accordance with the regulations implementing Section 106 of the National Historic Preservation Act (NHPA) at 36 CFR Part 800 and identified appropriate consulting parties to the Section 106 process.

Based on the nature and content of the public and agency comments received, SEA determined that the effects of the proposed project on the quality of the natural environment may be significant, and thus, preparation of an EIS is appropriate. For the environmental review process, SEA intends to analyze the potential environmental impacts of the proposed route, the no-action or no-build alternative (i.e., continuing use of the CSX line), and one alternative route that SEA has preliminarily determined as a reasonable and feasible build alternative.

**Environmental Review Process:** The NEPA process is intended to assist the Board and the public in identifying and assessing the potential environmental consequences of a proposed action before a decision on the proposed action is made. SEA is responsible for ensuring that the Board complies with NEPA and related environmental statutes. The first stage of the EIS process is scoping. Scoping is an open process for determining the scope of environmental issues to be addressed in the EIS. For this scoping process, SEA developed a Draft Scope of Study for the EIS and issued the document for public review and written comment. In response to the Draft Scope of Study, SEA received written comments from four agencies and one interested party. After review and consideration of all comments received, this notice sets forth the Final Scope of Study for the EIS. The Final Scope of Study reflects changes to the Draft Scope of Study as a result of the comments.

With the issuance of this Final Scope of Study, SEA will now prepare a Draft EIS (DEIS) for the project. The DEIS will address those environmental issues and concerns identified during the scoping process. It will also contain SEA's preliminary recommendations for environmental mitigation measures. Upon its completion, the DEIS will be made available for public and

## **FINAL SCOPE OF STUDY FOR THE EIS:**

### **Proposed Action and Alternatives**

The proposed project would provide alternative rail access to the Holcim facility, which is currently served only by CSX. The existing CSX line begins at the terminus of an NSR rail line at Giant, SC, passes to the immediate west of the Holcim facility, and continues to Creston, SC. The proposed action would involve the construction and operation of an approximately 2-mile rail line that would also begin at the terminus of the NSR line at Giant, SC, and end at the Holcim facility.

HolRail proposes two potential alignments, both of which are on the east side of and parallel to the existing CSX line across Four Hole swamp, a world class heritage swamp according to comments submitted by the U.S. Army Corps of Engineers, SC Department of Natural Resources, and National Audubon Society during preliminary consultations. Alignment A would involve constructing the new rail line largely within the existing ROW of the CSX rail line. Alignment B would be constructed approximately 50 yards east of the CSX ROW, on property almost entirely owned by Holcim. Either alignment would connect with NSR to the south on land owned by a neighboring cement facility, over which HolRail intends to obtain access by easement or other arrangement.

HolRail intends to construct and own the track, which would be a part of the common carrier rail network. HolRail would arrange for a third-party operator to provide rail service. HolRail would also employ a contractor to provide maintenance service for the line, or engage the third-party operator to perform this service.

### **Environmental Impact Analysis**

The reasonable and feasible alternatives that will be evaluated in the EIS are (1) a new rail line utilizing Alignment A, (2) a new rail line using Alignment B, and (3) the no-action or no-build alternative. Any other alternatives that were considered but not carried forward in the EIS and the reasons they were discarded will also be briefly described in the EIS.

### **Proposed New Construction**

The EIS will document the activities associated with the construction and operation of the proposed new rail line.

### **Impact Categories**

Impact areas addressed in the EIS will include the effects of the proposed construction and operation of the new rail line on transportation and traffic safety, public health and worker health and safety, water resources, biological resources, air quality, geology and soils, land use, environmental justice, noise, vibration, recreation and visual resources, cultural resources, and socioeconomics. The EIS will include a discussion of each of these categories as they currently

exist in the project area and will address the potential impacts from the proposed project on each category, as described below:

### **1. Transportation and Traffic Safety**

The EIS will:

- a. Describe the potential impacts of the proposed new rail line construction and operation on the existing transportation network in the project area.
- b. Describe the potential for train derailments or accidents from proposed rail operations.
- c. Describe potential pipeline safety issues at rail/pipeline crossings, as appropriate.
- d. Propose mitigative measures to minimize or eliminate potential project impacts to transportation and traffic safety, as appropriate.

### **2. Public Health and Worker Health and Safety**

The EIS will:

- a. Describe potential public health impacts from the proposed new rail line construction and operation.
- b. Describe potential impacts to worker health and safety from the proposed new rail line construction and operation.
- c. Propose mitigative measures to minimize or eliminate potential project impacts to public health and worker health and safety, as appropriate.

### **3. Water Resources**

The EIS will:

- a. Describe the existing groundwater resources within the project area, such as aquifers and springs, and the potential impacts on these resources resulting from construction and operation of the proposed new rail line.
- b. Describe the existing surface water resources within the project area, including watersheds, streams, rivers, and creeks, and the potential impacts on these resources resulting from construction and operation of the proposed new rail line.
- c. Describe existing wetland systems in the project area, including Four Hole Swamp, and the potential impacts on these resources resulting from construction and operation of the proposed new rail line.
- d. Describe the permitting requirements that are appropriate for the proposed new rail line construction and operation regarding wetlands, stream crossings (including floodplains), water quality, and erosion control.
- e. Propose mitigative measures to minimize or eliminate potential project impacts to water resources, as appropriate.

#### **4. Biological Resources**

The EIS will:

- a. Describe the existing biological resources within the project area, including vegetative communities, wildlife and fisheries, and Federal and state threatened or endangered species and the potential impacts to these resources resulting from the proposed new rail line construction and operation.
- b. Propose mitigative measures to minimize or eliminate potential project impacts to biological resources, as appropriate.

#### **5. Air Quality Impacts**

The EIS will:

- a. Describe the potential air quality impacts resulting from the proposed new rail line construction and operation.
- b. Propose mitigative measures to minimize or eliminate potential project impacts to air quality, as appropriate.

#### **6. Geology and Soils**

The EIS will:

- a. Describe the native soils and geology of the proposed project area.
- b. Describe the potential impacts to soils and geologic features from the proposed new rail line construction and operation.
- c. Propose mitigative measures to minimize or eliminate potential project impacts on soils and geologic features, as appropriate.

#### **7. Land Use**

The EIS will:

- a. Describe existing land use patterns within the project area and identify those land uses that would be potentially impacted by the proposed new rail line construction and operation.
- b. Describe the potential impacts associated with the proposed new rail line construction and operation to land uses identified within the project area.
- c. Propose mitigative measures to minimize or eliminate potential project impacts to land use, as appropriate.

#### **8. Environmental Justice**

The EIS will:

- a. Describe the demographics of the communities potentially impacted by the construction and operation of the proposed new rail line.
- b. Evaluate whether new rail line construction or operation would have a disproportionately high adverse impact on any minority or low-income group.

- c. Propose mitigative measures to minimize or eliminate potential project impacts on environmental justice communities of concern, as appropriate.

## **9. Noise**

The EIS will:

- a. Describe the existing noise environment of the project area and potential noise impacts from the proposed new rail line construction and operation.
- b. Propose mitigative measures to minimize or eliminate potential project impacts to noise receptors, as appropriate.

## **10. Vibration**

The EIS will:

- a. Describe the potential vibration impacts from the proposed new rail line construction and operation.
- b. Propose mitigative measures to minimize or eliminate potential project impacts from vibration, as appropriate.

## **11. Recreation and Visual Resources**

The EIS will:

- a. Describe existing recreation and visual resources in the proposed project area and potential impacts to recreation and visual resources from construction and operation of the proposed new rail line.
- b. Propose mitigative measures to minimize or eliminate potential project impacts to recreation and visual resources, as appropriate.

## **12. Cultural Resources**

The EIS will:

- a. Describe the cultural resources in the area of the proposed project and potential impacts to cultural resources from the proposed new rail line construction and operation.
- b. Describe the NHPA Section 106 process for the proposed project, and propose mitigative measures to minimize or eliminate potential project impacts to cultural resources, as appropriate.

## **13. Socioeconomics**

The EIS will:

- a. Describe the demographic characteristics of the project area.
- b. Describe the potential environmental impacts to employment and the local economy as a result of the proposed new rail line construction and operation.
- c. Propose mitigative measures to minimize or eliminate potential project adverse impacts to socioeconomic resources, as appropriate.

#### **14. Cumulative and Indirect Impacts**

The EIS will:

- a. Address any identified potential cumulative impacts of the proposed new rail line construction and operation, as appropriate. Cumulative impacts are the impacts on the environment which result from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency (Federal or non-federal) or person undertakes such actions.
- b. Address any identified potential indirect impacts of the proposed new rail line construction and operation, as appropriate. Indirect impacts are impacts that are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable.

By the Board, Victoria Rutson, Chief, Section of Environmental Analysis

Vernon A. Williams  
Secretary